

Waller Creek District

Tunnel Side Inlet Modifications
Waterloo Park Interim Design
Phase Plan

Proposing Party: Waller Creek Conservancy



July 7, 2014

**Waller Creek District:
Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan**

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Waller Creek Conservancy
PO Box 12363
Austin, Texas 78711
512-541-3520
www.wallercreek.org

July 3, 2014

Mr. Tom Meredith
Vice President
Waller Creek Local Government Corporation

RE: Waller Creek District: Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan

Dear Tom:

Enclosed herewith you will find the full Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan. Please refer to the enclosed Exhibit F for a Project Budget including identification of funding sources. This Phase Plan for the Waller Creek District provides for design, documentation and coordination with the City of Austin Waller Creek Tunnel Project Team. The scope of work includes addressing changes at the side inlets to the tunnel at 4th and 8th streets and their immediate surrounds and opposite banks as well as developing more advanced design for an interim plan for Waterloo Park.

The Joint Development Agreement, Section 3, identifies the documentation required for each proposed phase plan. The attached matrix identifies all of the submission requirements and those applicable to this applicable scope of work and where they can be found in this document.

If you have questions or concerns, please let me know and we will address them quickly.

Sincerely,

Gretchen Flatau
Executive Director
Waller Creek Conservancy

The Phase Plan described in this document has been reviewed and approved specific to the scope described herein.

Mr. Tom Meredith	Date
Vice President, LGC Representative	
Waller Creek Local Government Corporation	

Ms. Sue Edwards	Date
Assistant City Manager	
City of Austin	

Ms. Kristin Pipkin	Date
Responding Party	
Water Protection Department	
City of Austin	

Waller Creek Phase Plan Proposal Checklist

✓	#	Section	Topic	Description	Notes
		3.02.B	Responding Party Review	Complete before submission to LGC	
		3.02.B.(i)	Cover Letter		
		3.02.B.(ii)		Date of submission	
		3.02.B.(iv)		Identify the provision in the JDA calling for the submission	
	1	3.04.A.1	General	Exec Summary with narrative	Pg 4
	1a			Schedule with milestones	Exhibit B, Pg 10
	1b			Implementation Plan	Exhibit D, Pg 19
	2	3.04.A.2 (i)	Identify Team	List all professionals and their discipline	Pgs 6
	2a	3.04.A.2 (ii)	Contracting Method	Proposed Construction Delivery Method	Pg 6
	2b	3.04.A.2.(iii)	Designate the Reviewer of Construction Schedule	Project Director or Managing Party	N/A - no construction is included in this scope of work
	2c	3.04.A.2 (iv)	Graphical Material	Prelim site plans, architectural plans, elevations, other design materials	Graphic materials will be generated as a part of this scope of work
	3	3.04.A.3	District Map	Map of District showing Limits of Phase Plan Area	Exhibit A, Pg 9
	4	3.04.A.4	Project Budget	All Phase Plan costs including allowances and contingencies	Exhibit F, Page 24
	4a		Funding Sources	list source	Kim Springer, Exhibit F, Page 24
	4b		Funding Sources	list where funds are to be held	Kim Springer, Exhibit F, Page 24
	4c		Funding Sources	list constraints on use of funds	Kim Springer, Exhibit F, Page 24
	4d		Post Construction Budget	capital repair, operating and maintenance budgets	N/A - no construction is included in this scope of work
	5	3.04.A.5	Cost Overrun Plan	identify how any cost overruns will be funded	Pg 8
	6	3.04.A.6	Compliance with Foundational Articles	If the proposed project does not comply with the terms of the JDA, the proposed modification to the JDA is provided here.	Pg 7
	7	3.04.A.7	Third Party Agreements	Outline any third-party agreements that will need to be obtained	N/A - none contemplated in this scope of work
	8	3.04.A.8	Property Procurement Process Requirements	Local Government Code Sections 252 and 271	Pg 5
	9	3.04.A.9	MWBE Participation	Outline plan	Exhibit O, Pg 50
	10	3.04.A.10	Public Improvement Projects	Identify responsibilities for obtaining approvals from Government Authorities for design and construction	N/A - none contemplated in this scope of work
	11	3.04.A.11	Operations Permits	Plan for obtaining approvals and permits for operations	N/A - none contemplated in this scope of work
	12	3.04.A.12	ID and Mapping Easements	Identify and map all easements and other real property interests.	this work will be done within the scope of multiple phase plans as required
	13	3.04.A.13	Requirements on Use of Funds	Identify any requirements that apply to the use of tax-exempt obligations, grants or other funds	N/A - none contemplated in this scope of work
	13a			Texas Transportation Code Chapter 431	N/A - none contemplated in this scope of work
	13b			City Code and Other Applicable Law	N/A - none contemplated in this scope of work
	14	3.04.A.14	Insurance and Bonding	Provision of insurance and bonding in Article 9	Exhibit M, Pg 47: bonding is not required for professional services
	15	3.04.A.15	Use by City	Identify terms for use by the City	N/A - none contemplated in this scope of work
	16	3.04.A.16	Activities and Rates	Identify activities by groups	N/A - none contemplated in this scope of work
	17	3.04.A.17	Maintenance in ROW's	Identify of maintenance of District ROW's	N/A - none contemplated in this scope of work
	18	3.04.A.18	Utilities	Identify how utilities will be provided, cost of services, metering etc	N/A - none contemplated in this scope of work
	19	3.04.A.19	Operations and Maintenance	Identify operations and maintenance standards	N/A - none contemplated in this scope of work

Waller Creek Phase Plan Proposal Checklist

[illegible]

Waller Creek District: Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan
July 3, 2014

EXECUTIVE SUMMARY and NARRATIVE

The tunnel side inlet modifications and the Waterloo Park interim design scope of work encompasses the following:

- ☐ The limit of work for the Waller Creek Tunnel 4th Street Inlet, extended northward to include the 5th Street Bridge over Waller Creek and connecting utilities and adjacent creekside trail
- ☐ The limit of work for the Waller Creek Tunnel 8th Street Inlet and adjacent creekside trail
- ☐ Interim design for Waterloo Park between 12th and 14th Streets, inclusive of the Waller Creek Tunnel Inlet Facility

See **Exhibit A, Project Area Diagram**.

This scope of work includes a detailed evaluation of the Waller Creek Tunnel Documents to verify the validity and feasibility of concepts put forth in the Waller Creek Design Plan proposal for modifying the side inlets at 4th Street, 8th Street, and the development of an interim design for Waterloo Park. This scope of work also includes work related to assessing trail connectivity through the 5th Street Bridge and coordination with stakeholders.

At the 4th and 8th Street side inlets, there are opportunities to coordinate public access, trail alignment, and utilities with ongoing construction activities related to the Waller Creek Tunnel. This scope of work also includes work related to assessing trail connectivity through the 5th Street Bridge and coordination with stakeholders. This work at 5th Street is relevant and timely because of its adjacency to the 4th Street side inlet as well as the work to be accomplished at the 8th Street side inlet. The team will seek to find opportunities to anticipate and potentially implement the goals for stream restoration and trail alignments that are being established for the concurrent Creek Corridor Framework Phase Plan (CCFPP, see below). The JV Team Coordination scope of work is based on the Limits of Construction of the Waller Creek Tunnel Project illustrated in Exhibit P.

This scope of work will also provide for the creation of an interim park design for Waterloo Park upon tunnel completion, as well as evaluation of the JV Team's redesign of the Inlet Facility Building. The interim park design will consist of site grading and park program elements to be determined in close collaboration with PARD and constructed as part of the existing Waller Creek Tunnel Construction contracts. Interim park design only includes park elements that will be maintained and managed by PARD and/or WPD upon tunnel completion. The design of other elements related to the future performance venue are *not* included in this scope of work.

The results of preliminary analysis of the conditions described above will be presented in a preliminary Tunnel Contract Scope Assessment Document that will be created with the ongoing input of the Departments of Public Works (PWD), Watershed Protection (WPD) and the Parks and Recreation Department (PARC). This Assessment Document will be comparable to what was developed under previous scopes of work in 2012-2013 for coordination with the JV Team at Waterloo Park. Thereafter, the Assessment Document will be advanced with supporting technical memos and interim site grading plans that will become the

basis of change orders (to be issued by others), design-deferred bid items, and discussions with the construction management team for the Waller Creek Tunnel project. As these recommended changes are advanced by PWD, WPD, and the contractor, the MVVA-led project team will be available for response memos, supplemental information, and graphic support for clarifications.

This scope will run concurrently with the Creek Corridor Framework Phase Plan (CCFPP), which encompasses the entire Waller Creek Corridor from 15th Street to Lady Bird Lake. The CCFPP is intended to assess the 2013 Design Plan, to develop goals and strategies for stream restoration, identify significant utilities, and use this work to guide trail alignment. This work will also be used to actively engage emerging and ongoing public and private development. The CCFPP will document a minimum of two advanced cross-sections per block that depict full build-out scenarios. The MVVA Team anticipates that this scope of work – Waller Creek Side Inlet Tunnel Modifications and Waterloo Park Interim Plan will augment and incorporate the findings of the Framework Plan, but not be duplicative of this work. At 4th and 8th Streets, the recommended changes to the Tunnel contract will, wherever possible, incorporate the creek-restoration strategies that support the development of a public trail system that have been established as part of the CCFPP work.

The project will require extensive coordination with City of Austin Public Works Department (PWD), Watershed Protection Department (WPD), and the Parks and Recreation Department (PARD). Other COA agencies that will require coordination include, but are not limited to: Planning Development and Review (PDRD) and the Office of Real Estate Services (ORES). This work will also require coordination with the Joint Venture consulting engineers for the Waller Creek Tunnel Project (“JV Team”), whose work is to be performed only at the direction of WPD/COA. All Services performed under this Scope of Work shall be performed in accordance with the MSA and applicable codes, and accepted industry standards. Any acquisitions either by fee simple or easement, will follow the Office of Real Estate’s Standard Operating Procedures for approvals, land plans, land title surveys, Environmental Site Assessment Plans I and II and title policies.

All Consultant documents shall be prepared using the English System of Weights and Measurements. It is assumed that hard copy and .PDF drawings are acceptable formats for submissions. AutoCAD drawings may be shared with the JV Team for coordination, but are not to be used for construction. Conversion to other file formats (e.g. MicroStation; AutoCAD Civil 3D) will be considered an additional service.

A detailed description of scope and deliverables is in **Exhibit C, Scope Matrix**, and a description of the interaction among consultants and key stakeholders toward the production of deliverables is described in **Exhibit D, Implementation Plan**.

POINTS OF CONTACT:

Key MVVA staff members to be assigned to the project are listed below:

MVVA President and CEO: Michael Van Valkenburgh, Michael@mvvainc.com (718-243-2044)

MVVA Project Manager and Primary Point of Contact: Danielle Choi, dchoi@mvvainc.com (718-243-2044)

MVVA Principal: Gullivar Shepard, gshepard@mvvainc.com (718-243-2044)

Selected critical points of contact for project listed below:

Managing Party:

Waller Creek Conservancy

Project Manager: Susan Benz, benz@benzresourcegroup.com (512-220-9542)

City of Austin:

Watershed Protection Department

Kristin Pipkin, kristink.pipkin@austintexas.gov (512-974-3315)

Ramesh Swaminathan, Ramesh.swaminathan@austintexas.gov (512-974-3541)

Public Works Department

Gary Jackson, Gary.Jackson@austintexas.gov (512-762-7628)

Parks and Recreation Department

Marty Stump, marty.stump@austintexas.gov (512-974-9460)

Other contacts:

Waller Creek Conservancy

Interim Executive Director: Gretchen Flatau, exec.dir@wallercreek.org (512-541-3520)

CONSULTANT TEAM LIST:

The following subconsultants will be part of the Team and the associated scopes, schedules, deliverables, budget, and fees are included in this proposal. Please See **Exhibit E** for Organization Chart.

- ☐ Team Lead, Landscape Architect: Michael Van Valkenburgh Associates, Inc. (MVVA)
- ☐ Structural Engineer: HNTB, Inc.
- ☐ Local Landscape Architect: dwg
- ☐ Civil Engineer: Big Red Dog Engineering and Consulting
- ☐ Benz Resource Group: Project Management
- ☐ Vermeulens Cost Consultants: Cost Consulting

Consultants that are not currently included, but which may be required during this scope of work are: registered accessibility specialist (Texas RAS). Proposals from these consultants (and any other disciplines) may be added upon approval from the client.

CONTRACTING METHOD

All of the consultants and sub consultants included in this scope of work are under contract directly to the Waller Creek Conservancy. MVVA and their sub consultants are currently working under an ongoing Preliminary Services Agreement (PSA)

that was put in place in January 2013. The WCC and MVVA are in the final stages of negotiation of a Master Services Agreement (MSA) and the PSA will become a part of the MSA.

All of the consultants and sub consultants identified by name in this Project were under agreement prior to the execution of the Joint Development Agreement.

COMPLIANCE WITH FOUNDATIONAL ARTICLES OF THE JDA

All work proposed in this Project are in compliance with the Foundational Articles of the JDA.

SCHEDULE

The Services required by this Phase Plan shall be provided from July 2014 through February 2015.

MVVA team fees have been calculated based on the following schedule, which is shown in greater detail in **Exhibit B, Project Schedule**.

July 2014	Notice to Proceed
July - Oct. 2014	Discovery and assessment of Design Plan concepts for 4 th Street and 8 th Street Inlets Identification of need for additional survey data
July – September 2014	Access 5 th St underpass trail connectivity
August – October 2014	Waterloo Park Interim design (when authorized)
Oct. - Dec. 2014	Documentation of proposed modifications for 4 th and 8 th St Tunnel Side Inlets
Nov. 27, 2014 - February, 2015	Iterative review and graphic/memo support for contract modifications and implementation
Ongoing	Iterative review and graphic/memo support for Waterloo Park contract modifications

PROJECT BUDGET

Team fees and estimated reimbursable expenses are shown in **Exhibits F-K**.

Services will be performed on a “not-to-exceed” fee basis, assuming that the schedule is not significantly extended beyond January 31, 2015. Total not-to-exceed fees for this scope of work are **\$741,595.00**, and estimated reimbursable expenses are **\$23,850.00** for a total of **\$765,445**. In addition to this amount, the Waller Creek Conservancy will contribute \$53,000. Refer to Exhibits F-K for detailed fee information.

“The City of Austin (City) will contribute an amount not to exceed \$765,445.00 toward the Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan. In accordance with Section 10.01 (Project Disbursement Fund Account) of the Joint Development Agreement between the City of Austin, Waller Creek Local Government Corporation, and Waller

Creek Conservancy, upon approval of regularly submitted invoices by the Conservancy, the City will disburse payment accordingly to the appropriate Project Disbursement Fund Account.” See Exhibit N – Capital Needs Projection for the duration of this scope of work.

COST OVERRUN PLAN

In accordance with Section 3.04.A.5 of the JDA, the identification of the source of funds for cost overruns are required. For this Project, a cost overrun would be caused by a request in a change of the scope of services outlined. If the Conservancy or the City of Austin request work outside the scope described herein, and both parties are in agreement, then the additional cost will be applied to the Reserve Fund of \$75,000.00. Any request for change will require an amendment to this Project approval and require approval of the Proposing Party and the Responding Party.

LIST OF EXHIBITS

EXHIBIT A	Project Area Diagram
EXHIBIT B	Project Schedule
EXHIBIT C	MVVA Team Scope Matrix
EXHIBIT D	Implementation Plan
EXHIBIT E	Organization Chart
EXHIBIT F	Project Budget
EXHIBIT G	MVVA Team Fee and Expense Summary
EXHIBIT H	BRG Scope and Fees
EXHIBIT I	HNTB Proposal
EXHIBIT J	dwg Proposal
EXHIBIT K	Big Red Dog Proposal
EXHIBIT L	Vermeulens Cost Consultants Proposal
EXHIBIT M	Insurance Certificates
EXHIBIT N	Capital Needs Projection
EXHIBIT O	JDA Procurement Requirements
EXHIBIT P	Tunnel Project LOC and Landscape Drawings

EXHIBIT A: PROJECT AREA DIAGRAM

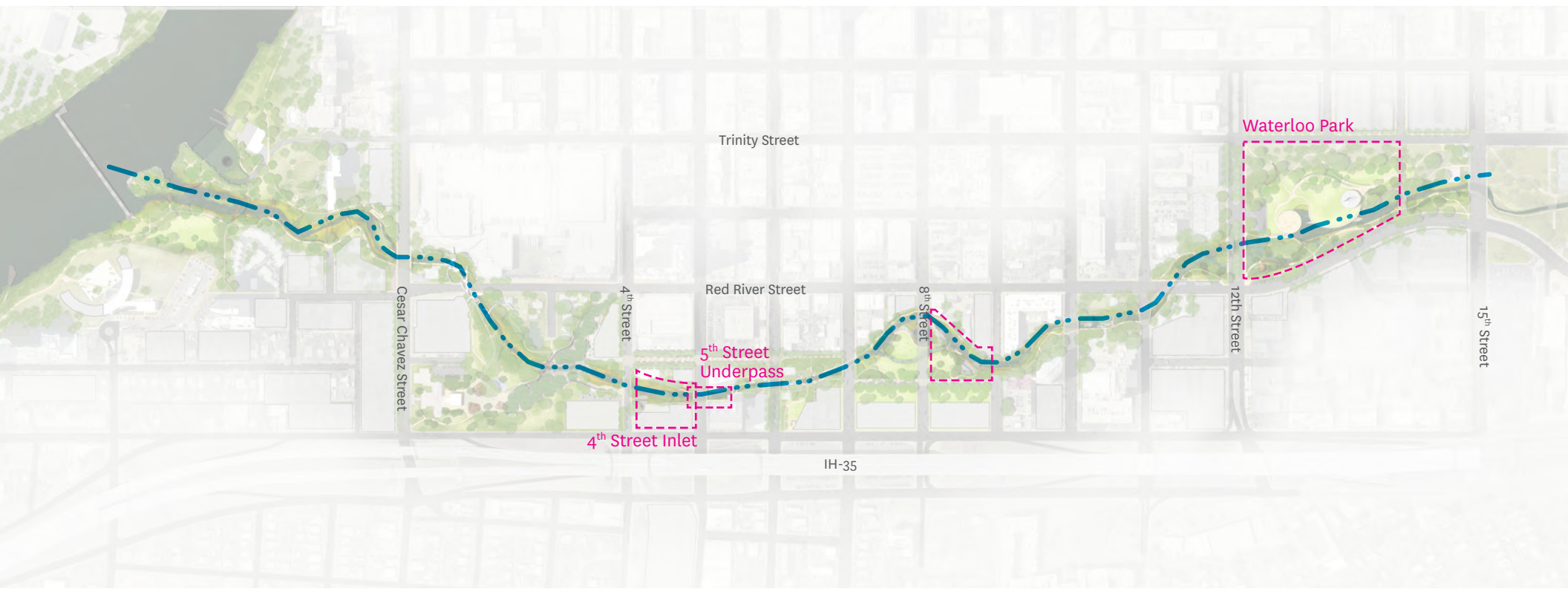
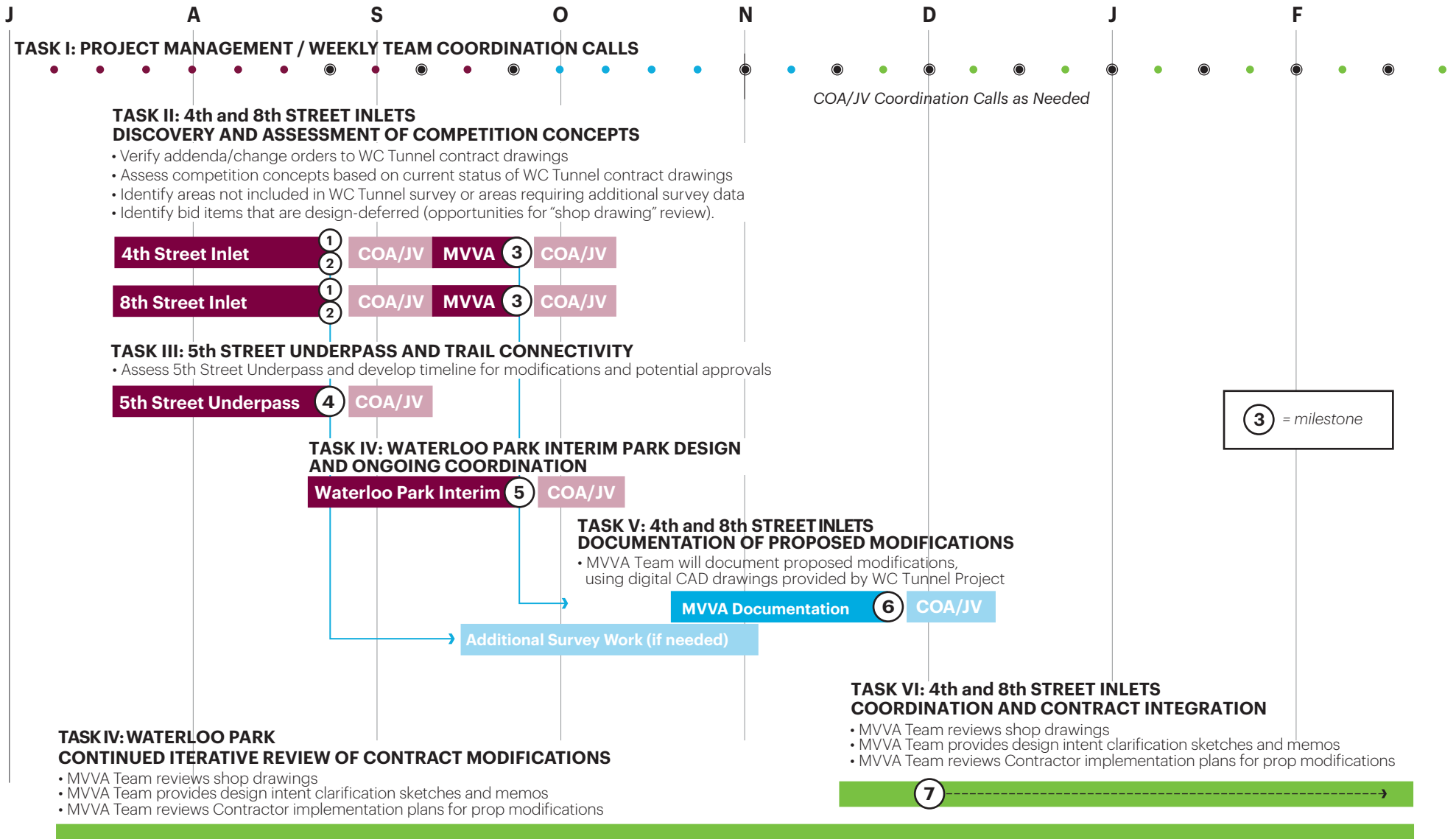


EXHIBIT B: PROJECT SCHEDULE

7/03/2014

2014

2015



Concurrent Waller Creek Phase Plans

CREEK CORRIDOR FRAMEWORK PHASE PLAN

BASELINE CREEK SECTIONS

Minimum 2 sections per block

ADVANCED CREEK SECTIONS / OUTLINE DEVELOPMENT CRITERIA

EXHIBIT B - SCOPE MATRIX (07/07/2014)

Michael Van Valkenburgh Associates, Inc.

Waller Creek District: Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan

X	x	R	2
team lead	team member	review only	# meetings

Task 1 - Project Management and Meetings (4th and 8th Street Inlets)

MVVA will provide lead project management and be the primary point of contact for the consultant team. Project management and meeting attendance listed below are only for 4th and 8th Street Inlets. See Task 3 for all scope related to Waterloo Park.

KEY DELIVERABLES:

- Weekly internal meeting minutes circulated to WCC and COA
- Project schedule (updated as needed)
- Meeting attendance (see assumptions below for maximums)

KEY ASSUMPTIONS:

- Meetings not included in this scope: PARD Board Meetings, LGC Meetings, and Core Department Lead Team Meetings
- Travel for out of town consultants: assume that (2) two meetings can be scheduled in a single business day
- "Person-Trip" example: 1 trip x 3 people attending = 3 person-trips. Alternately, 3 separate trips x 1 person attending = 3 person-trips

		MVVA Project Leader Landscape Architect	HNTB Structural Engineer	dwg Local Landscape Architect	BRD Civil Engineer
Project Management					
1.10	Project coordination and monthly status reporting with Waller Creek Conservancy (WCC) and COA (City of Austin, Public Works)	X			
1.11	Project coordination among sub-consultant team	X			
1.12	Maintain and update project schedule	X			
1.13	Preparation of internal meeting minutes	X			
1.14	Coordination of concurrent work in other Phase Plans or WCC projects	X			

Meeting Attendance Assumptions					
1.20	COA Internal Stakeholder meetings - PWD/WPD/PARD, PDRD*	4	2	2	2
1.21	Tunnel Joint Venture Team meetings	2	2	2	2
1.22	WCC Board, Boards & Commissions (Attendance and preparation of presentation materials related specifically to Tunnel Modification scope)	1			
1.23	Additional meeting allowance	1	1	1	1
1.24	Internal weekly calls (estimated)	30	30	30	30

*For MVVA (2) for 4th Street Inlet, (2) for 8th Street Inlet

Waller Creek District: Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan

Task 2 - Discovery and Assessment of Competition Concept (4th and 8th Street Inlets)

A detailed evaluation of the Waller Creek Tunnel Documents will be conducted to verify the validity or feasibility of the competition-based proposal for modifying the inlets at 4th Street and 8th Street (as depicted in the Design Plan). This includes verification of the background data and survey information provided during the competition that the work is based on; assessing changes to the 4th and 8th Street Inlet designs that have occurred during the construction process; and compiling information about adjacent emerging private development, public projects, and real estate activities. Discovery and Assessment work has already been completed for Waterloo Park Inlet Facility. All findings and feasibility issues will be recorded and presented for review by WCC and COA.

KEY DELIVERABLES:

- Mark-up of existing survey information indicating recommended additional survey work (Milestone I)
- Mark-up of selected tunnel contract documents to communicate critical issues relating to alterations (Milestone I)
- Draft Tunnel Scope Change Assessment Document (Milestone II)
- Diagrammatic drawing overlays over tunnel contract documents **describing preliminary structural modification and proposed components** (Milestone III)
- Written memo describing modification strategy as agreed upon by City, Public Works and the JV team review, as needed (Milestone III)
- Limited and coarse quantity assessments as needed to facilitate coordination of financial feasibility of proposals

KEY ASSUMPTIONS:

- **CAD files consistent with the bidding documents for the tunnel contract(s) will be provided to the Design Team within (10) ten business days of a consolidated request (i.e. list provided by MVVA Team)**
- Questions regarding on site construction status and/or data for the tunnel contract(s) will be answered and provided to the Design Team within (10) ten business days of the request OR a reason for the inability to provide this information within (10) working days will be identified within the (5) working days.
- Requests of the Design Team for key information need to be submitted at least (10) business days before a deadline

		MVVA Project Leader Landscape Architect	HNTB Structural Engineer	dwg Local Landscape Architect	BRD Civil Engineer
Milestone I - Data / Survey / Contract Document Assessment					
2.10	Review of background data and surveys relative to scope of competition concept and identify potential additional survey or data needed	X			X
2.11	Review of relevant Tunnel Contract Documents to generate draft critical issues list and drawing mark-ups	X			X
2.12	Integrate CAD base drawings from the Tunnel Project with surveys and relevant Design Plan drawings in order to create working drawings	X			X

EXHIBIT B - SCOPE MATRIX (07/07/2014)

Michael Van Valkenburgh Associates, Inc.

Waller Creek District: Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan

Task 2 - Discovery and Assessment of Competition Concept (4th and 8th Street Inlets), continued

		MVVA Project Leader Landscape Architect	HNTB Structural Engineer	dwg Local Landscape Architect	BRD Civil Engineer
Milestone II - Preliminary Tunnel Contract Scope Change Assessment					
2.20	Refine Concept Site Design: - Alternatives for trail - Describe future utility needs - Preliminary grading for site restoration - Preliminary description of structural modifications and new components - Preliminary concept for modifications to planting shown in Tunnel site restoration plans (which will advance principles developed in Creek Corridor Framework Plan)	X	X	X	X
2.21	Prepare preliminary Tunnel Contract Scope Change Assessment Document	X	R	R	R
2.22	Review and respond to WCC/COA comments	X	R	R	R
2.23	Integrate private stakeholder comments and direction (Hilton Inn-Refer to Milestone 3) as needed	X	R	R	R
2.24	Revise Preliminary Tunnel Contract Scope Change Assessment Document	X			
2.25	Create agenda for COA / JV meeting and conduct follow-up	X			
Milestone III - Draft Tunnel Contract Scope Change Assessment					
2.30	Review and respond to WCC/COA comments	X	X	R	X
2.31	Integrate private stakeholder comments and direction (Hilton Inn)	X	R	R	R
2.32	Revise Tunnel Contract Scope Change Assessment Document- Final Draft	X			
2.33	Create agenda for COA / JV meeting and conduct follow-up	X			

EXHIBIT B - SCOPE MATRIX (07/07/2014)

Michael Van Valkenburgh Associates, Inc.

Waller Creek District: Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan

Task 3 - 5th Street Underpass and Trail Connectivity

A key component to the Waller Creek Design Plan is to provide a continuous and contiguous north-south trail along the length of the creek. One critical component to this is establishing the feasibility of an "underpass" through the 5th Street Bridge abutment, which would allow continuous trail access where space for an underbridge trail is limited. This work takes advantage of the active utility and sitework being performed at the adjacent 4th Street Inlet, as well as the larger-scale trail alignment work of the Creek Corridor Framework Plan.

KEY DELIVERABLES:

- Presentation and supporting graphics for 5th Street Underpass feasibility and coordination (Milestone IV)
- Preliminary engineering drawings with structural scheme for underpass
- Preliminary utility assessment drawings for coordination with AULCC, COA, and other stakeholders
- Outreach and coordination with adjacent property-owners and stakeholders
- Limited/coarse quantity assessments as needed to facilitate coordination of financial feasibility of proposals
- Description of probable scope of work for project execution, based on COA/property-owner negotiations

KEY ASSUMPTIONS:

- WCC/BRG will be the primary points of contact for the Hilton Inn

		MVVA Project Leader Landscape Architect	HNTB Structural Engineer	dwg Local Landscape Architect	BRD Civil Engineer
Milestone IV - Assessment of 5th Street Underpass					
3.10	Prepare presentation, meeting agenda, and alternatives for potential Hilton Inn collaboration	X	X	X	X
3.11	Follow-up from Hilton Inn meeting	X	X	X	X
3.12	Incorporate follow-up changes and site information into alternatives and prepare preliminary feasibility assessment for Hilton Inn	X	X		
3.13	Assist WCC/ COA with memorandum of understanding with Hilton Inn	X			R
3.14	Conduct feasibility assessment and develop structural scheme for underpass at 5th Street	X	X		R
3.15	Conduct feasibility assessment for 5th Street utility modifications (utilities which have been identified in the Creek Corridor Framework Plan scope) for underpass	X	R		X
3.16	Coordinate new utility work in 5th Street associated with underpass structure	X	R		X
3.17	Coordinate AULCC process for 5th Street utility work and/or define potential SUE survey scope	X	R		X
3.18	Develop timeline for 5th Street modifications and potential approvals	X	R	X	R
3.19	Review and written comment on (1) draft and (1) final cost estimate by owner-provided estimator	X	X		

Waller Creek District: Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan

Task 4 - Waterloo Park Interim Park Design and Ongoing Coordination

At the time of writing this scope of work, it is understood that there will be an interim park condition at Waterloo Park (before it is developed to support a fully functioning performance venue operated by the Waller Creek Conservancy). Some of these interim park improvements may be constructed as part of the site restoration work for the Waller Creek Tunnel. Working closely with PARD, PWD, and WPD, the design team will create an interim park plan (30% Engineering) that will support implementation under the Waller Creek Tunnel contract. The limits of work for the interim park and means of implementation (e.g. change order or design-deferred bid item, etc.) are to be determined as a part of this task. Also, ongoing tunnel-related coordination to facilitate the future construction of the performance venue (similar to the work performed during 2013) is captured under this task.

KEY DELIVERABLES (Milestone V):

- Interim site grading, layout, and planting plans (30% Engineering)
- Limited/coarse quantity assessments as needed to facilitate coordination of financial feasibility of proposals
- Review and written comment on JV Team redesign of Inlet Building
- (2) presentation-quality perspective renderings to communicate experience of interim park design

KEY ASSUMPTIONS:

- Questions regarding on site construction status and/or data for the tunnel contract(s) will be answered and provided to the Design Team within (10) ten business days of the request OR a reason for the inability to provide this information within (10) business days will be identified within the (5) business days.
- CAD files consistent with the bidding documents for the tunnel contract(s) will be provided to the Design Team within (10) ten business days of a consolidated request (i.e. list provided by MVVA Team)
- Requests of the Design Team for key information need to be submitted at least (10) business days before a deadline
- The Tunnel Engineering Team will provide construction documentation and construction administration
- All work will meet code requirements

		MVVA Project Leader Landscape Architect	HNTB Structural Engineer	dwg Local Landscape Architect	BRD Civil Engineer
Project Management (Waterloo Park Only)					
4.10	Project coordination and monthly status reporting with Waller Creek Conservancy (WCC) and COA (City of Austin, Public Works)	X			
4.11	Project coordination among sub-consultant team	X			
4.12	Maintain and update project schedule	X			
4.13	Preparation of internal meeting minutes	X			
4.14	Coordination of concurrent work in other Phase Plans or WCC projects	X			

EXHIBIT B - SCOPE MATRIX (07/07/2014)

Michael Van Valkenburgh Associates, Inc.

Waller Creek District: Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan

Task 4 - Waterloo Park Interim Park Design and Ongoing Coordination, continued

		MVVA Project Leader Landscape Architect	HNTB Structural Engineer	dwg Local Landscape Architect	BRD Civil Engineer
Meeting Attendance Assumptions (Waterloo Park Only)					
4.20	COA or Internal Stakeholder meetings*	2			
4.21	Tunnel Joint Venture Team meetings	1			
4.22	WCC Board, PARD, Boards & Commissions (Attendance and preparation of presentation materials related specifically to Tunnel Modification scope)	1			
4.23	Additional meeting allowance	1	1	1	1

Task 4 - Waterloo Park Interim Park Design and Ongoing Coordination, continued

Ongoing Tunnel Coordination (Waterloo Park Only)					
4.30	Responses and follow-up from weekly calls that require supplemental information	X	x (2)		x (2)
4.31	Assessment of future utility needs for Waterloo Park and outlining of key approvals including potential inclusions under the Tunnel Contract	x			X
4.32	Update Waterloo Park Plan with any Tunnel Modification developments that impact grading and layout	X			R

Milestone V - Interim Park Design at Waterloo Park					
4.40	Develop Interim Park Concept: - Material selections for pathways, temporary rails, benches, and basic furnishing selection - Description of anticipated maintenance needs - Preliminary lighting concepts and locations - Preliminary description of planting palette - Preliminary irrigation guidelines	X			X
4.41	Conduct a workshop with PARD for refining interim park program and maintenance regime based on interim park concept described in 4.40	X			X
4.42	Create Interim Park Program Document including meeting minutes from PARD workshop	X			R
4.43	Create agenda for COA / JV meeting and conduct follow-up	X			R
4.44	Prepare interim grading, layout, and planting plans for Waterloo Park (equivalent to 30% Engineering).	X			X
4.45	Prepare a maximum of (2) two presentation-quality perspective renderings that depict interim grading conditions at Waterloo Park	X			
4.46	Review and written comment on (1) draft and (1) final cost estimate by owner-provided estimator	X	x		

Waller Creek District: Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan

Task 5 - Documentation of Proposed Changes (4th and 8th Street Inlets)

As the scope of changes to the existing tunnel construction contracts for 4th Street and 8th Street become finalized, a series of meetings and technical studies are required in order to see the proposed changes into the integration of the tunnel construction contract--either requiring change orders developed by the JV team or support materials that go directly to the Contractor (via COA, Public Works). The deliverable for Task 5.10 incorporates additional information gained from review as well as goals and concepts gleaned from the Creek Corridor Framework Plan. This includes, but is not limited to: assessment from PWD/CMT of how value can be captured from the current Waller Creek Tunnel contract bid items, impacts to Waller Creek Tunnel construction schedule, and the proposed removal of adjacent weirs (discussed as part of Creek Corridor Framework Plan).

KEY DELIVERABLES:

- Finalized Tunnel Contract Scope Change Assessment Document (Milestone VI)
- Supporting technical memos outlining Tunnel Contract change orders (structural modifications and proposed components)
- Interim site grading plans

KEY ASSUMPTIONS:

- CAD files consistent with the bidding documents for the tunnel contract(s) will be provided to the Design Team within (10) ten business days of a consolidated request (i.e. list provided by MVVA Team)
- Questions regarding on site construction status and/or data for the tunnel contract(s) will be answered and provided to the Design Team within (10) ten working days of the request OR a reason for the inability to provide this information within (10) business days will be identified within the (5) working days.
- Requests of the Design Team for key information need to be submitted at least (10) business days before a deadline

		MVVA Project Leader Landscape Architect	HNTB Structural Engineer	dwg Local Landscape Architect	BRD Civil Engineer
Milestone VI - Design Documentation					
5.10	Finalize Tunnel Contract Scope Change Assessment Document	X			
5.11	Prepare an interim grading plan for area around 4th Street Inlet	X			X
5.12	Prepare an interim grading plan for area around 8th Street Inlet	X			X
5.13	Prepare design documentation to direct JV team for developing Tunnel Contract change orders: - Material selections / alternatives for trail - Describe future utility needs - Preliminary description of structural modifications and new components - Preliminary concept for demonstration planting lot	X	X		X
5.14	Review and respond to WCC/COA comments	X	X	R	X

Waller Creek District: Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan

Task 6 - Coordination and Contract Integration (4th and 8th Street Inlets)

As JV team and/or Contractor implement changes to the Tunnel Contract, the design team will perform review and comment services for a range of potential question and submittals.

KEY DELIVERABLES:

- Response memos / supplemental information
- Graphic support for clarifications
- Memorandum of understanding documenting agreed upon contract changes and implementation plan (Milestone VII)

KEY ASSUMPTIONS:

- Coordination between different tunnel contracts (e.g. between COA, JV Team members and other WC Tunnel consultants) is not part of this scope performed by the Design Team
- Substantial changes to adjacent conditions or program from what was discovered in Tasks II and III will require additional fees to re-establish technical feasibility.
- Requests of the Design Team for key information need to be submitted at least (10) business days before a deadline

		MVVA Project Leader Landscape Architect	HNTB Structural Engineer	dwg Local Landscape Architect	BRD Civil Engineer
Milestone VII - Summary of Contract Changes					
6.10	Responses and follow-up from weekly calls that require supplemental information	X	X (2)		X (2)
6.11	Memo of understanding outlining agreed upon contract changes and any assigning responsibilities and roles	X	R	R	R
6.12	Coordinate early tree removals/ moving of trees with PARD, PWD, COA Arborist, and other relevant COA Stakeholders	x		X	
6.13	Review and written comment on (1) draft and (1) final cost estimate by owner-provided estimator	X	x		

EXHIBIT D: IMPLEMENTATION PLAN

Task 1: Project Management and Meetings (Ongoing)

MVVA will provide lead project management and be the primary point of contact for the team. Weekly project coordination calls among the sub-consultant team will be augmented with participants from COA and JV Team as needed. Meetings in Austin are also included in this task. See Exhibit C for description of meeting attendance assumptions. Work will be coordinated with other concurrent Phase Plans, and time and expenses will be billed proportionally to each respective project.

Task 2: 4th and 8th Street Inlets - Discovery and Assessment of Competition Concept (July - October 2014)

The goal for this phase is to assess the concepts initiated during the competition and documented in the 2013 Design Plan and identify possible opportunities for implementation as part of the ongoing Waller Creek Tunnel work at the 4th and 8th Street Inlets.

In order for an effective execution of this process, the MVVA Team requests that questions regarding on-site construction status and/or data for the tunnel contract(s) will be answered within (10) business days of a consolidated written request, OR a reason for the inability to provide this information within the allotted time will be identified within (5) business days. Likewise, requests of the MVVA Team for key information (e.g. future design intent) will be answered within (10) business days.

- MILESTONE I: Data/Survey/Contract Document Assessment
 - MVVA Team to review data and surveys received during the 2012 Competition (these surveys are based on existing GIS information and the Waller Creek Tunnel limit of work, and no additional survey work related to the Waller Creek Design Plan has been performed since then).
 - MVVA Team to identify additional survey data needed beyond the Waller Creek Tunnel limits of work in order to assess feasibility of future work (e.g. trail alignments proposed in Creek Corridor Framework Plan), as well as areas where existing survey information does not correspond with field conditions.
 - MVVA Team to integrate CAD base drawings from the Waller Creek Tunnel project with surveys and Design Plan drawings
- MILESTONE II: Preliminary Tunnel Contract Scope Change Assessment Document
 - MVVA Team to refine concept site design and prepare draft Tunnel Contract Scope Change Assessment Document showing areas of modification.
 - Goals and design strategies for stream and channel improvements discovered as part of the Creek Corridor Framework Plan will be incorporated into recommended modifications, and the WCC will be involved throughout this process to evaluate initial site design ideas for compatibility with future park program and resources.

- HTNB (structural engineer) will assess trail alternatives as they related to the structural components of the Inlet structure, for example supports for a future trail that use parts of the Inlet for support, or possible stair connections to street level.
- Big Red Dog will evaluate adjacent utilities and bank conditions: opportunities to reduce overbank flow, sub-surface impacts of proposed modifications (i.e. stairs) to utilities and local soil conditions, and an assessment of future utility needs that can be captured as part of the Waller Creek Tunnel work.
- WCC/COA to review preliminary Tunnel Contract Scope Change Assessment Document and issue written comments. This document will be similar to the series of diagrams produced by MVVA for initial changes to original Waterloo Park drawings in 2012-2013.
- MVVA Team to review WCC/COA Comments and create agenda/action-items for follow-up meeting
- MILESTONE III: Draft Tunnel Contract Scope Change Assessment Document
 - MVVA Team to review and respond to WCC/COA/other stakeholder comments on draft Tunnel Contract Scope Change Assessment Document
 - MVVA Team to issue final draft of Tunnel Contract Scope Change Assessment Document
 - MVVA Team to create agenda/action-items for follow-up meeting

Task 3: 5th Street Underpass and Trail Connectivity (July – October 2014)

A key component to providing a continuous north-south trail along the Waller Creek Corridor will be to assess the feasibility of a proposed “underpass” through the east side of the 5th Street Bridge. Currently, trail access in this area is limited by the width of the channel, which is highly constricted, and space for an underbridge trail is limited. This work takes advantage of the active utility and sitework being performed at the adjacent 4th Street Waller Creek Tunnel side inlet, as well as the larger scale trail alignment work of the Creek Corridor Framework Plan.

- MILESTONE IV: Assessment of 5th Street Underpass
 - WCC/COA to initiate outreach to property owners potentially affected by 5th Street underpass. This underpass below the 5th Street Bridge would allow for continuous trail access where space for an underbridge trail is limited, and requires coordination with the 4th Street Inlet and adjacent property owners (e.g. Hilton Garden Inn)
 - MVVA Team to prepare presentation of preliminary feasibility study (structural scheme (HNTB), potential utility modifications/anticipation of future utility needs and sub-surface impacts (BRD)), alternative scenarios, timeline for modifications and approvals). This material will be used for discussion/refinement with WCC/COA and eventually for presentation to Hilton Inn and other relevant stakeholders
 - MVVA Team to coordinate new utility work in 5th Street and AULCC process and/or define potential SUE survey scope

Task 4: Waterloo Park Interim Park Design (August – October 2014) and Ongoing Coordination

It is understood that there will be an interim park condition at Waterloo Park before it is developed to support a fully functioning performance venue operated by the Waller Creek Conservancy. Some or all of these interim park improvements may be constructed as part of the site restoration work for the Waller Creek Tunnel contract. The limits of work for the interim park and means of implementation (e.g. change order or design-deferred bid item, etc.) are to be determined as a part of this task. The interim park design will be developed to 30% Engineering. Also, ongoing tunnel-related coordination to facilitate the future construction of the performance venue is captured under this task. Continued design of the performance facility itself is excluded under this scope of work.

- ☐ MVVA will provide lead project management and be the primary point of contact for the team. MVVA anticipates close coordination with PARD, WPD, and WCC for this task.
- ☐ MVVA Team will continue the process of responding to requests for information from WPD/PWD regarding future build-out for Waterloo Park Performance Facility. Requests for information from the JV Team are understood to be issued via PWD/WPD.
- ☐ MVVA will review and provide written comment on JV Team redesign of Inlet Building.
- ☐ MVVA Team will iteratively integrate ongoing Tunnel construction activities with enabling work for Waterloo Park Performance Facility (e.g. early tree removals, anticipating future utility needs, etc.)
- ☐ PWD/WPD approve changes for JV Team to document recommended changes to Tunnel site restoration work, or approve JV Team to provide additional information requested by MVVA
- ☐ Milestone V
 - MVVA conducts a workshop with PARD, WCC, and relevant COA stakeholders to define interim park program and maintenance regime
 - MVVA prepares maximum (2) presentation-quality perspective renderings that depict interim conditions at Waterloo Park
 - MVVA incorporates COA comments and documents interim park design at a level equivalent to 30% Engineering, which will include:
 - Site grading
 - Path, railing, and wall layout
 - Schematic-level planting
 - Basic site furnishing selection
 - Irrigation guidelines
 - Schematic-level lighting concepts and locations to be reviewed by lighting designer (JV Team).
Photometrics and electrical are excluded.
 - JV Team to advance interim park design documents to execute as part of WC Tunnel site restoration work
 - MVVA to review JV Team drawings and relevant shop drawings/bid-deferred item drawings from contractor

Task 5: 4th and 8th Street Inlets - Documentation of Proposed Changes (October – December 2014)

As the scope of changes to existing tunnel construction contracts for the 4th and 8th Street Inlets become finalized, a series of meetings, technical studies, and exchanges between the MVVA Team and COA are required in order to document the proposed changes. This documentation will incorporate the information gained from the interactions of Task 2; this includes, but is not limited to: assessment from PWD/Construction Management Team of how value can be captured from the current Waller Creek Tunnel contract bid items, impacts to Waller Creek Tunnel construction schedule, and the impacts of potential removal of adjacent weirs. In this task, the MVVA Team will begin to document requested changes to the tunnel contract; this work can be used to support the JV Team in the documentation of change orders (at the direction of PWD/WPD) or support materials that will go directly to the contractor via PWD.

☐ MILESTONE VI: Design Documentation

- MVVA Team to finalize Tunnel Contract Scope Change Assessment Document and work with COA to prepare design documentation.
- MVVA Team to prepare interim grading plans for site restoration areas around 4th Street and 8th Street Inlets.
- Documentation above prepared by MVVA Team will form the basis of the JV Team's final documentation of Tunnel modifications.

Task 6: 4th and 8th Street– Coordination and Contract Integration (November 2014 – February 2015)

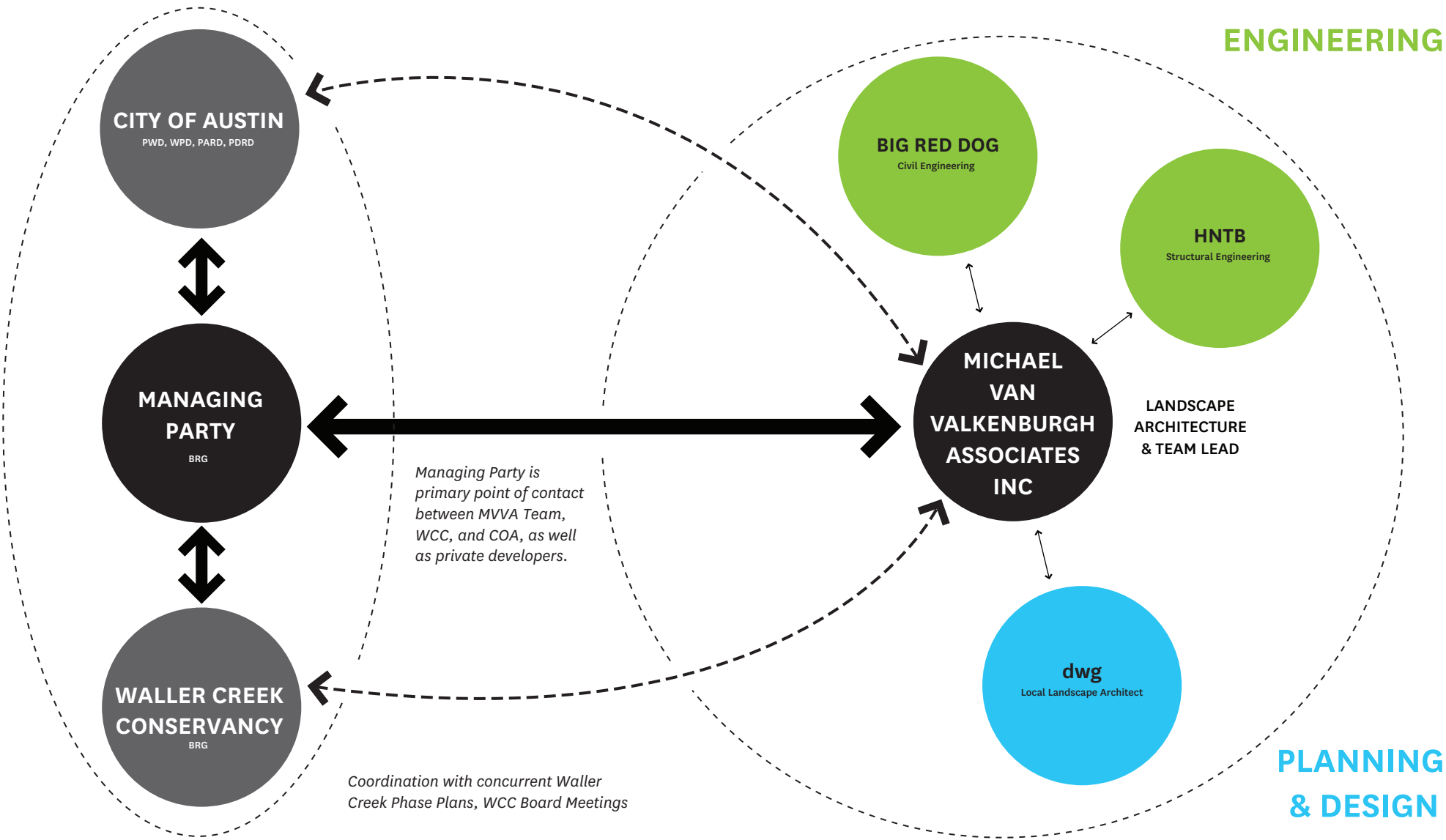
As the JV Team and/or Contractor implement changes to the Tunnel Contract, the MVVA Team will review and comment on JV Team drawings, and a range of potential questions and submittals. The JV Team will be responsible for converting documents from the MVVA team to construction-ready documents, as well as performing construction administration (at the direction of COA).

☐ MILESTONE VII: Summary of Contract Changes:

- MVVA Team will review JV Team documentation of MVVA Team concepts developed in Task 5
- MVVA will respond to requests for supplemental information
- MVVA Team will record a memorandum of understanding which summarizes agreed-upon contract changes and any assigning responsibilities and roles
- MVVA Team, led by local landscape architect DWG, will coordinate early tree removals and relocations with PARD, PWD, and other relevant COA stakeholders. These tree removals are not currently shown as part of Waller Creek Tunnel site restoration, but will capture opportunities to support the goals of the CCFPP trail alignments and stream restoration.

MVVA Team to review and provide written comment on owner-provided cost estimate.

EXHIBIT E: ORGANIZATION CHART



Tunnel Side Inlet Modifications
4th St and 8th St West Banks 30% Design
Waterloo Park Interim Design
Phase Plan

EXHIBIT F

PROJECT BUDGET				
	Side Inlet Mod		Waterloo Interim	
Team Member	Fees	Reimb	Fees	Reimb
MVVA	\$ 174,425	\$ 6,500	\$ 75,500	\$ 6,500
HNTB	\$ 146,000	\$ 3,000	\$ 8,520	\$ 150
DWG	\$ 45,745	\$ 500	\$ 375	\$ 500
BRD	\$ 41,850	\$ 2,500	\$ 19,500	\$ 2,500
VCC	\$ 7,500	\$ -	\$ 4,500	\$ -
BRG	\$ 37,440	\$ 850	\$ 30,240	\$ 850
Allowance: site surveys, utility location	\$ 75,000			
Cost Overrun Reserve	\$ 50,000		\$ 25,000	
	\$ 577,960	\$ 13,350	\$ 163,635	\$ 10,500
Total Budget				\$ 765,445
Funding Sources				
PARD Funding Source: FDU#				\$ 174,135
Watershed Funding Source: FDU#				\$ 591,310
				\$ 765,445

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/21/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER USI Southwest 7600-B N. Cap of Tx Hwy. #200 Austin, Texas 78731	CONTACT NAME: Ofelia Padilla	
	PHONE (A/C, No, Ext): 512-651-4163	FAX (A/C, No): 512-467-0113
INSURED Benz Resource Group 1101 E. Sixth, Suite B Austin, TX 78702	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A : XL Specialty Insurance Company	
	INSURER B :	
	INSURER C :	
	INSURER D :	
INSURER E :		
INSURER F :		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY						EACH OCCURRENCE \$
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG \$
	<input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS						BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident) \$
							\$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR						EACH OCCURRENCE \$
	EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						AGGREGATE \$
	DED <input type="checkbox"/> RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER <input type="checkbox"/>
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input type="checkbox"/> N						E.L. EACH ACCIDENT \$
	(Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$
A	Professional Liab			DPS970501402YR	09/07/2013	09/07/2014	\$1,000,000 per claim
	Claims Made Pol			Retro:09/07/10			\$1,000,000 annl aggr.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER

CANCELLATION

Waller Creek Conservancy and
City of Austin
P O Box 12363
Austin, TX 78711

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

James E. Zimmerman



CERTIFICATE OF LIABILITY INSURANCE

EXHIBIT M

MICHVAN-01 KPAWLOWSKI

DATE (MM/DD/YYYY)

5/5/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Ames & Gough 859 Willard Street Suite 320 Quincy, MA 02169	CONTACT NAME:	
	PHONE (A/C, No, Ext): (617) 328-6555	FAX (A/C, No): (617) 328-6888
INSURED Michael Van Valkenburgh Associates, Inc. 231 Concord Street Cambridge, MA 02138	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Travelers Property Casualty Company of America	NAIC # 25674
	INSURER B: Charter Oak Fire Insurance Company A+ (XV)	25615
	INSURER C: Travelers Indemnity Co. of America A+, XV	25666
	INSURER D: Catlin Insurance Company	19518
INSURER E:		
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVO	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> GENERAL LIABILITY	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	680-4372L817	08/19/2013	08/19/2014	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY					DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR					MED EXP (Any one person) \$ 5,000
						PERSONAL & ADV INJURY \$ 1,000,000
						GENERAL AGGREGATE \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:					PRODUCTS - COMP/OP AGG \$ 2,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC					\$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	BA-4372L203	08/19/2013	08/19/2014	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO					BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS					BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS					PROPERTY DAMAGE (PER ACCIDENT) \$
						\$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	CUP-005D158369	08/19/2013	08/19/2014	EACH OCCURRENCE \$ 10,000,000
	<input type="checkbox"/> EXCESS LIAB					AGGREGATE \$ 10,000,000
	<input type="checkbox"/> DEO <input checked="" type="checkbox"/> RETENTIONS 10,000					\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	N/A	UB-4260T698	05/01/2014	05/01/2015	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)					E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below					E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
D	Prof. Liability		AED-672670-1214	12/05/2013	12/05/2014	Per Claim 5,000,000
D			AED-672670-1214	12/05/2013	12/05/2014	Aggregate 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

RE: MVVA project #12003 - Waller Creek

Waller Creek Conservancy and the City of Austin are additional insured with respect to general, auto, and umbrella liability where required by written contract.

CERTIFICATE HOLDER Waller Creek Conservancy C/O BENZ RESOURCE GROUP 1101-B EAST 6TH STREET Austin, TX 78702	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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**Tunnel Inlet Modifications and Waterloo Interim Plan
City Capital Needs Projections**

EXHIBIT N

	Total Fees	Total Reimbursable Expenses
	\$ 765,445	\$ 23,850
Month	Fees	Reimb Exp
1	\$ 66,205	\$ 6,000
2	\$ 116,335	\$ 4,000
3	\$ 75,000	\$ 3,000
4	\$ 65,000	\$ 2,000
5	\$ 67,000	\$ 1,500
6	\$ 65,000	\$ 1,500
7	\$ 80,000	\$ 1,500
8	\$ 90,000	\$ 2,200
9	\$ 140,905	\$ 2,150
	\$ 765,445	\$ 23,850
*These projections will fluctuate in response to adjustments in work flow		

EXHIBIT "G"

M/WBE REQUIREMENTS

- (a) The Managing Party shall comply with the applicable standards and principles of the **M/WBE Program Ordinance** in the design and construction of Projects, provided, however, Contractors and their subcontractors under contracts executed and delivered by the Conservancy as of the date of this Agreement for the scope of work contemplated in the Design Plan approved by City Council shall not be required to comply with this Exhibit G. A change in the scope of work or Contractors or subcontractors, including adding Contractors or subcontractors shall require compliance with this Exhibit G. Prior to any changes or additions the Managing Party shall consult with and provide SMBR information regarding the proposed change in scope or change or deletions of Contractors or subcontractors to determine the necessary steps to achieve compliance with the M/WBE Program.

With respect to any design or construction projects for a Project, the Contractors shall meet the gender and ethnic-specific participation goals or subgoals for each year in which design or construction occurs as determined by the Director of SMBR in accordance with the M/WBE Program Ordinance and rules. Before advertising a bid for any portion of the design or construction work, the Managing Party shall submit to SMBR a copy of a proposed solicitation in order for the City to determine the gender and ethnic-specific participation goals or subgoals for the project. The determination by the Director shall be based on the proposed size, type and scope of work to be undertaken by the Managing Party and described in the bid documents, and the availability of each group of M/WBEs to perform elements of the work. The City may utilize either the cumulative M/WBE goal or the subgoals for each group of minority persons in the proposed solicitation, or set M/WBE participation goals for each Project as provided in City Code Section 2-9A-19 (*Establishment of MBE/WBE Participation Levels for Individual Contracts in Construction*), or as may subsequently be modified, amended or replaced. The Director shall have 10 Business Days from receipt of a bid package from the Managing Party in order to evaluate and determine the required level for utilization of M/WBE project or phase-specific goals or subgoals, and shall notify the Managing Party in writing of the Director's determination.

In an effort to meet the gender and ethnic-specific M/WBE utilization goals, the Managing Party shall implement an outreach program designed to solicit participation of M/WBEs. These outreach efforts should also target small businesses generally. The Managing Party may seek the assistance of SMBR in these outreach efforts as described in paragraph (b) below.

For any year in which the Managing Party, the Contractors fail to meet each of the goals or subgoals established by the Director, the Managing Party, the Contractors must demonstrate good faith efforts to meet the goals as described in the M/WBE Program Ordinance. The Managing Party shall submit documentation demonstrating its own and

the Contractors' good faith efforts to meet the goals as is required under the following paragraph (d). If the Managing Party provides documentation to SMBR evidencing its own and its Contractors' good faith efforts, the Managing Party shall be deemed in compliance with this paragraph (a). Failure to perform this obligation shall be considered a material breach of this Agreement. The City acknowledges that this obligation does not require the Managing Party to modify, nullify or abrogate any contracts that the Managing Party has entered into before the Effective Date of this Agreement.

- (b) The Managing Party shall apprise SMBR when the Managing Party desires assistance from SMBR in its efforts to meet the gender and ethnic specific M/WBE utilization goals. This assistance may include providing a list of certified M/WBE firms from which the Managing Party may solicit or cause the Contractors to solicit participation in the design and construction of any improvements, identifying potential scopes of work, establishing the bid packages, scheduling and hosting outreach meetings, and assisting the Managing Party, its Contractors in soliciting M/WBE firms to provide bids. The Managing Party is not required to solicit participation during a period in which the Managing Party is not engaged in designing and/or constructing a Project, but rather, the Managing Party is required to incorporate the standards and principles of the M/WBE Program Ordinance including the foregoing M/WBE utilization goals into its development process as and when such process exists in connection with a Project.
- (c) The Managing Party shall provide monthly reports to SMBR no later than the 10th day of each month to track (i) the utilization on a percentage basis of M/WBE firms in the design and construction of the Projects; and (ii) a summary of the Managing Party's efforts to implement the standards and principles of the M/WBE Program Ordinance. SMBR shall provide the forms to be used by the Managing Party in submitting such reports.
- (d) Within thirty (30) days of receipt of the Managing Party's final monthly report (as is required under paragraph (e) above for the preceding year, January 1st through December 31st (the "**SMBR Compliance Period**"), SMBR shall determine whether the Managing Party is in compliance with the requirements of this **Exhibit "G"**.

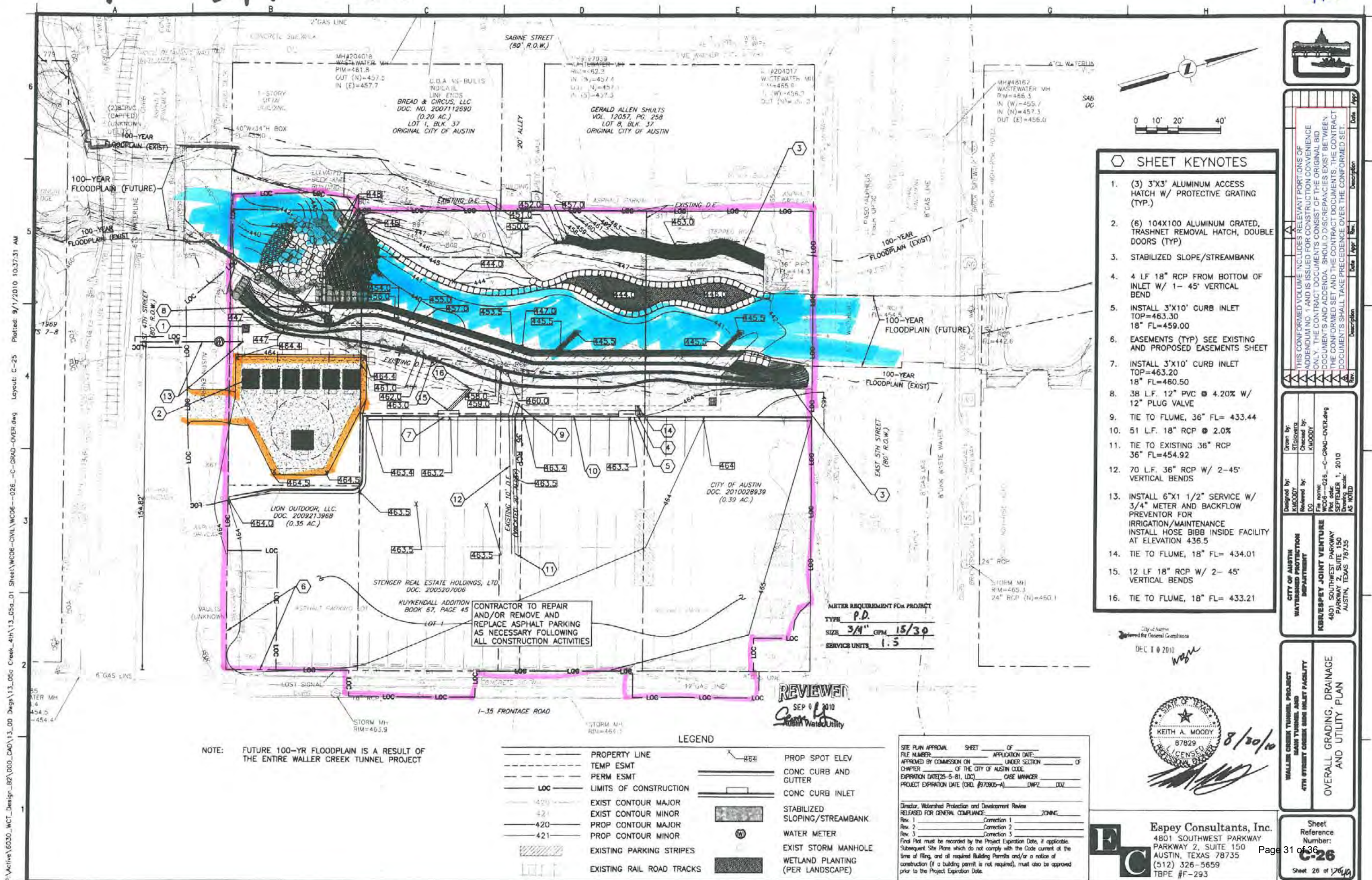
Waller Creek Project
Approved Consultant List

Firm	Discipline	MWBE
2 x 4	signage consultant	
Access Partnership	accessibility specialist	
ACI Consulting	environmental consulting	
Altieri Sebor Wieber	mechanical, electrical, plumbing	
Altura Solutions	accessibility specialist	
American Construction Investigations	ADA consultant	
Applied Ecological Services	ecologist, bank stabilization	
Architectural Engineers Collaborative	structural engineer	
Arup USA Inc.	AV, Acoustical, lighting, IT, security	
Atelier 10	sustainability consultant	
Benz Resource Group	project management	WBE
Big Red Dog	civil engineering	
Brierly Assoc	geotech engineering	
CCM Consulting Group	construction auditing	
Chan & Partners	civil engr: subsurface utilities	
Charles Marsh Woodruff	geologic consulting	
Construction Specifications, Inc	specifications consultant	
Davey Resource Group	arborist	
Development Strategies	economic development	
Dr W. Todd Watson	plant pathologist	
dwg	landscape architect	
Eckersley Cladding Consultant	exterior cladding	
EEA Consulting	mechanical, electrical, plumbing	
ETM Associates	public space management	
Fluidity Design Consultants	water feature consulting	
GeoSolutions	geotech: slope stability	
Greenberg Consultants	urban design	
Guy Nordenson & Assoc	structural engineer	
Haynes Whaley Associates	structural engineer	
Henshell & Buccellato	waterproofing consultant	
Heritage Title Company	title and easement research	
HNTB	bridge design	
HNTB	traffic engineering	
Holt Engineering	geotech engineering	
Horton Lees Brogden Lighting	lighting	
HR&A	economic development	
Hydrodramatics	water feature consulting	
Israel Berger and Associates	waterproofing consultant	
James Pole Irrigation Consultants	irrigation	
JGL Food Services Consultants	food service consultant	
Joshua Long	geographer	
Lady Bird Johnson Wildflower Center	ecologist, native plantings and management strategies	
Limnotech	hydrologist	
McGray & McGray	site surveying	
Metcalf Williams Stuart & Wolff	land use, zoning	
Michael Van Valkenburgh Assoc	landscape architect	
Olsson Assoc	soil scientist & ecosystem	
Persohn/Hahn Associates	elevator consultant	
Piscatello Design Centre	signage consultant	
ProjectProjects	graphic design	
Reginald Hough, FAIA	architectural concrete consultant	
Rolf Jensen & Associates	code consultant	
Shah Smith and Associates	commissioning agent	
Simpson Gumpertz & Heger	waterproofing consultant	
Skidmore, Owings & Merrill	structural engineer	
Stuart Lynn	cost estimating	
Sustainable Growth Texas	soil biology	
Terracon	geotech engineering	
Theatre Consultants Collaborative	theatre consultants	
Thomas Phifer & Partners	architect	
Tillett Lighting Design	lighting	
Transsolar Inc	sustainability consultant	
Urban Design Group	civil waterworks	WBE
Vermeulens	cost estimating	

4TH ST. SIDE INLET

EXHIBIT P

4th



- ### SHEET KEYNOTES
- (3) 3'X3' ALUMINUM ACCESS HATCH W/ PROTECTIVE GRATING (TYP.)
 - (6) 104X100 ALUMINUM GRATED, TRASHNET REMOVAL HATCH, DOUBLE DOORS (TYP)
 - STABILIZED SLOPE/STREAMBANK
 - 4 LF 18" RCP FROM BOTTOM OF INLET W/ 1- 45' VERTICAL BEND
 - INSTALL 3'X10' CURB INLET TOP=463.30 18" FL=459.00
 - EASEMENTS (TYP) SEE EXISTING AND PROPOSED EASEMENTS SHEET
 - INSTALL 3'X10' CURB INLET TOP=463.20 18" FL=460.50
 - 38 L.F. 12" PVC @ 4.20% W/ 12" PLUG VALVE
 - TIE TO FLUME, 36" FL= 433.44
 - 51 L.F. 18" RCP @ 2.0%
 - TIE TO EXISTING 36" RCP 36" FL=454.92
 - 70 L.F. 36" RCP W/ 2-45' VERTICAL BENDS
 - INSTALL 6"X1 1/2" SERVICE W/ 3/4" METER AND BACKFLOW PREVENTOR FOR IRRIGATION/MAINTENANCE INSTALL HOSE BIBB INSIDE FACILITY AT ELEVATION 436.5
 - TIE TO FLUME, 18" FL= 434.01
 - 12 LF 18" RCP W/ 2- 45' VERTICAL BENDS
 - TIE TO FLUME, 18" FL= 433.21

REVIEWED
SEP 0 2010
Austin Water Utility

LEGEND

---	PROPERTY LINE	---	PROP SPOT ELEV
---	TEMP ESMT	---	CONC CURB AND GUTTER
---	PERM ESMT	---	CONC CURB INLET
LOC	LIMITS OF CONSTRUCTION	---	STABILIZED SLOPING/STREAMBANK
420	EXIST CONTOUR MAJOR	---	WATER METER
421	EXIST CONTOUR MINOR	---	EXIST STORM MANHOLE
420	PROP CONTOUR MAJOR	---	WETLAND PLANTING (PER LANDSCAPE)
421	PROP CONTOUR MINOR	---	
---	EXISTING PARKING STRIPES	---	
---	EXISTING RAIL ROAD TRACKS	---	

SITE PLAN APPROVAL SHEET OF
FILE NUMBER: APPLICATION DATE: UNDER SECTION OF
APPROVED BY COMMISSION ON: OF THE CITY OF AUSTIN CODE
CHAPTER: EXPIRATION DATE(25-5-81, LOC) CASE NUMBER
PROJECT EXPIRATION DATE (ORD. #70905-A) DMPZ DOZ

Director, Watershed Protection and Development Review
RELEASED FOR GENERAL COMPLIANCE: JONING
Rev. 1: Correction 1
Rev. 2: Correction 2
Rev. 3: Correction 3

Final Plan must be recorded by the Project Expiration Date, if applicable. Subsequent Site Plans which do not comply with the Code current at the time of filing, and all required Building Permits and/or a notice of construction (if a building permit is not required), must also be approved prior to the Project Expiration Date.

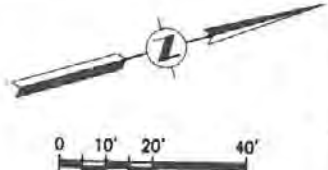
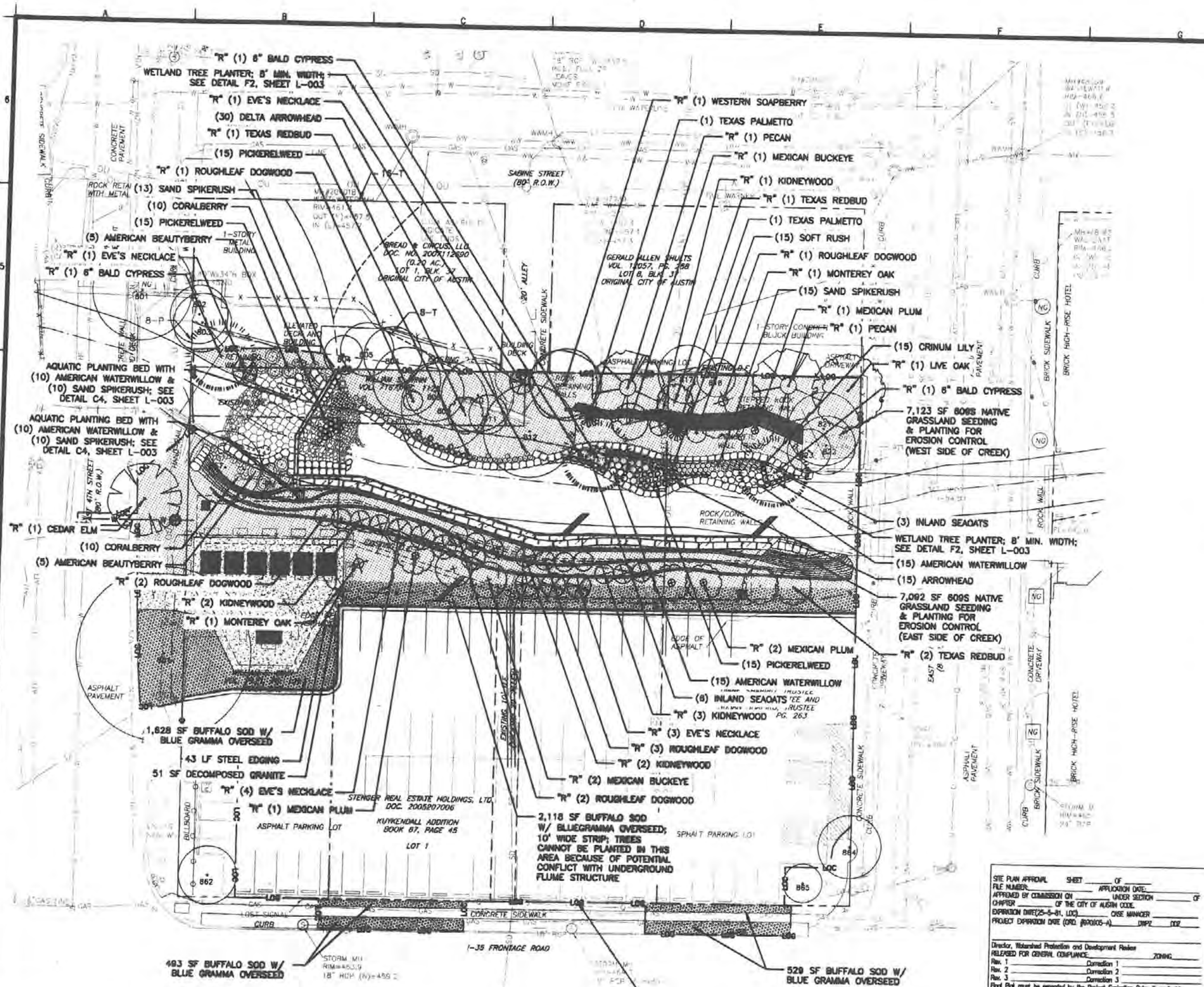


Espey Consultants, Inc.
4801 SOUTHWEST PARKWAY
PARKWAY 2, SUITE 150
AUSTIN, TEXAS 78735
(512) 326-5659
TBPE #F-293

Sheet Reference Number:
C-26
Page 31 of 36
Sheet 26 of 170

P:\Active\6030_WCT_Design_B2\000_DAO\13_05a_Creek_4th\13_05a_Creek_4th\13_05a_Creek_4th.dwg Layout: C-25 Plotted: 9/1/2010 10:37:31 AM

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Plot Date: 8/27/2010 1:28:51 PM
Layout: Sheet



LEGEND

- PROPERTY LINE
- - - - - TEMPORARY EASEMENT
- LIMITS OF CONSTRUCTION
- 100 EXISTING TREES
- R* REPLACEMENT TREES
- [Pattern] BUFFALO SOD W/ BLUE GRAMMA OVERSEED
- [Pattern] 609S NATIVE GRASSLAND SEEDING & PLANTING FOR EROSION CONTROL
- [Pattern] DECOMPOSED GRANITE
- [Pattern] AQUATIC PLANTING BED

- NOTES:**
- 1) THE 609S REVEGETATION AREA REQUIRES NATIVE GRASSLAND SEEDING AND PLANTING PER CITY OF AUSTIN STANDARD SPEC 609S, INCLUDING TOPSOIL AND SEED BED PREPARATION, TEMPORARY IRRIGATION, AND WEED MAINTENANCE.
 - 2) THE IRRIGATION WILL COMPLY WITH CITY CODE CHAPTER 6-4, ARTICLE 2, DIVISION 2 REGARDING THE CITY'S WATER CONSERVATION RESTRICTIONS.
 - 3) REPLACEMENT TREES: DUE TO LIMITED SPACE & PLANTABLE AREA AND TO ALLOW FOR THE POTENTIAL FOR FUTURE TRAIL DEVELOPMENT, LESS THAN 75% OF REPLACEMENT TREES ARE LARGE CLASS 1 TREES. SMALLER NATIVE TREES ARE ALSO INCLUDED.

City of Austin
Department of Public Works
Division of Engineering
August 18, 2010

LANDSCAPE PLAN

SITE PLAN APPROVAL

SHEET _____ OF _____

FILE NUMBER _____ APPLICATION DATE _____

APPROVED BY COMMISSION ON _____ UNDER SECTION _____ OF _____

CHAPTER _____ OF THE CITY OF AUSTIN CODE.

EXPIRATION DATE (25-5-81, LOC) _____ CHIEF MANAGER _____

PROJECT EXPIRATION DATE (ORD. (PROJOS-A) _____ DMPZ _____

Director, Watershed Protection and Development Review
RELEASED FOR GENERAL COMPLIANCE _____

Rev. 1 _____ Correction 1 _____

Rev. 2 _____ Correction 2 _____

Rev. 3 _____ Correction 3 _____

Final Plan must be recorded by the Project Expiration Date, if applicable. Subsequent Site Plans which do not comply with the Code current at the time of filing, and all required Building Permits and/or a notice of construction (if a building permit is not required), must also be approved prior to the Project Expiration Date.

AUGUST 18, 2010

LANDSCAPE ARCHITECTURE

2111 Diokson Drive, Suite 30
Austin, Texas 78704
TEL 512.442.0000

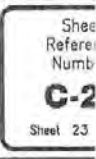
THIS CONFORMED VOLUME INCLUDES RELEVANT PORTIONS OF ADDENDUM NO. 1 AND IS ISSUED FOR CONSTRUCTION CONVENIENCE ONLY. THE CONTRACT DOCUMENTS CONSIST OF THE ORIGINAL BID DOCUMENTS AND ADDENDA. SHOULD DISCREPANCIES EXIST BETWEEN THE CONFORMED SET AND THE CONTRACT DOCUMENTS, THE CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE OVER THE CONFORMED SET.

Drawn by: J. DELAND
Designed by: D. STEINBERG
Reviewed by: NG
City of Austin
Watershed Protection and Development
August 18, 2010

RENESEY JOINT VENTURE
4801 SOUTHWEST PARKWAY
PARKWAY 2, SUITE 150
AUSTIN, TEXAS 78735
Drawing scale: AS NOTED

LANDSCAPE PLAN

Sheet Reference
Number
L-002
Sheet 48 of 174



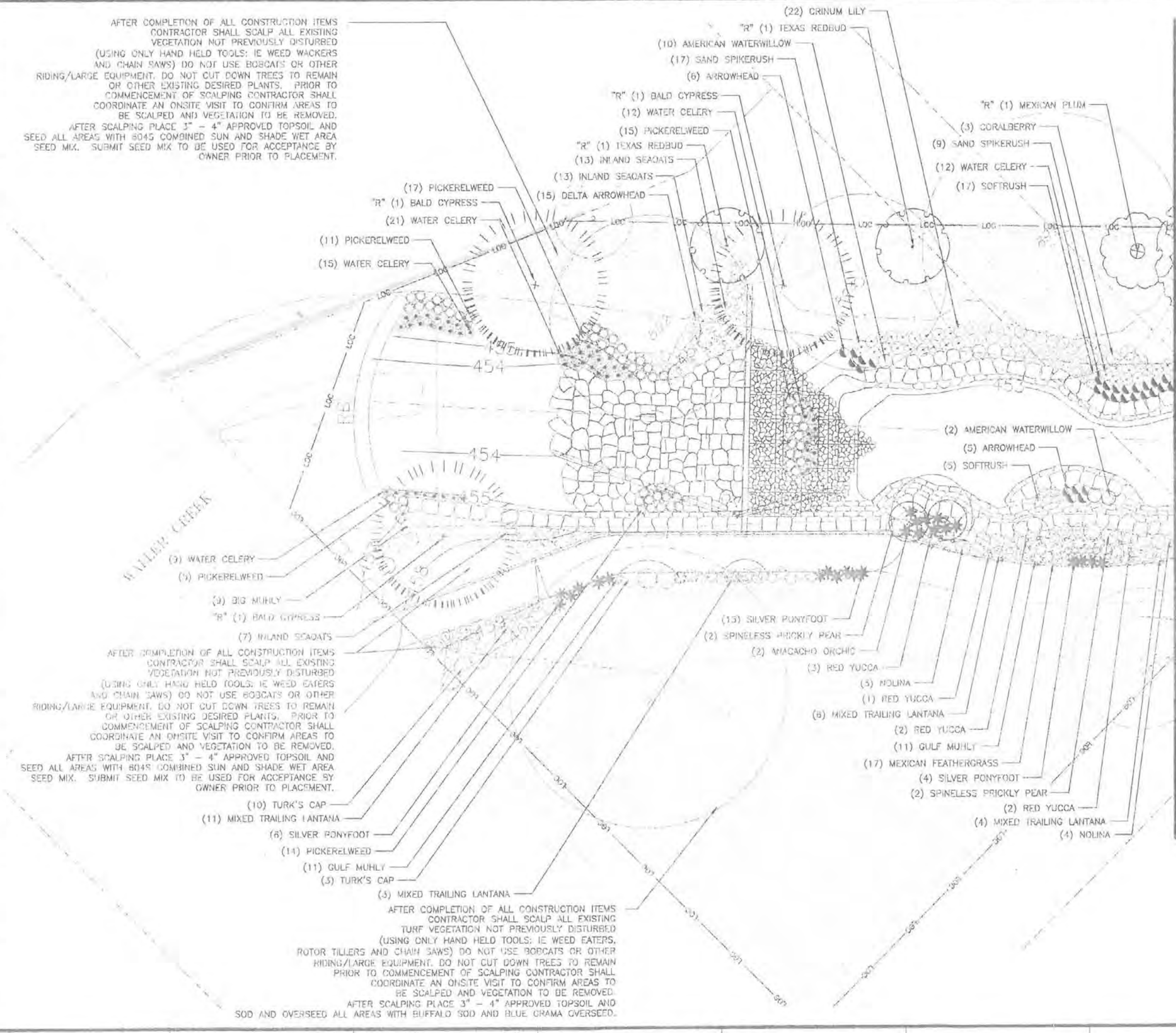
Espey Consultants, Inc.
4801 SOUTHWEST PARKWAY
PARKWAY 2, SUITE 150
AUSTIN, TEXAS 78735
(512) 325-5659
TBPE #F-293

84

AFTER COMPLETION OF ALL CONSTRUCTION ITEMS CONTRACTOR SHALL SCALP ALL EXISTING VEGETATION NOT PREVIOUSLY DISTURBED (USING ONLY HAND HELD TOOLS: IE WEED WACKERS AND CHAIN SAWS) DO NOT USE BOBCATS OR OTHER RIDING/LARGE EQUIPMENT. DO NOT CUT DOWN TREES TO REMAIN OR OTHER EXISTING DESIRED PLANTS. PRIOR TO COMMENCEMENT OF SCALPING CONTRACTOR SHALL COORDINATE AN ONSITE VISIT TO CONFIRM AREAS TO BE SCALPED AND VEGETATION TO BE REMOVED. AFTER SCALPING PLACE 3" - 4" APPROVED TOPSOIL AND SEED ALL AREAS WITH 8045 COMBINED SUN AND SHADE WET AREA SEED MIX. SUBMIT SEED MIX TO BE USED FOR ACCEPTANCE BY OWNER PRIOR TO PLACEMENT.

AFTER COMPLETION OF ALL CONSTRUCTION ITEMS CONTRACTOR SHALL SCALP ALL EXISTING VEGETATION NOT PREVIOUSLY DISTURBED (USING ONLY HAND HELD TOOLS: IE WEED EATERS AND CHAIN SAWS) DO NOT USE BOBCATS OR OTHER RIDING/LARGE EQUIPMENT. DO NOT CUT DOWN TREES TO REMAIN OR OTHER EXISTING DESIRED PLANTS. PRIOR TO COMMENCEMENT OF SCALPING CONTRACTOR SHALL COORDINATE AN ONSITE VISIT TO CONFIRM AREAS TO BE SCALPED AND VEGETATION TO BE REMOVED. AFTER SCALPING PLACE 3" - 4" APPROVED TOPSOIL AND SEED ALL AREAS WITH 8045 COMBINED SUN AND SHADE WET AREA SEED MIX. SUBMIT SEED MIX TO BE USED FOR ACCEPTANCE BY OWNER PRIOR TO PLACEMENT.

AFTER COMPLETION OF ALL CONSTRUCTION ITEMS CONTRACTOR SHALL SCALP ALL EXISTING TURF VEGETATION NOT PREVIOUSLY DISTURBED (USING ONLY HAND HELD TOOLS: IE WEED EATERS, ROTOR TILLERS AND CHAIN SAWS) DO NOT USE BOBCATS OR OTHER RIDING/LARGE EQUIPMENT. DO NOT CUT DOWN TREES TO REMAIN PRIOR TO COMMENCEMENT OF SCALPING CONTRACTOR SHALL COORDINATE AN ONSITE VISIT TO CONFIRM AREAS TO BE SCALPED AND VEGETATION TO BE REMOVED. AFTER SCALPING PLACE 3" - 4" APPROVED TOPSOIL AND SOD AND OVERSEED ALL AREAS WITH BUFFALO SOD AND BLUE GRAMA OVERSEED.



LEGEND

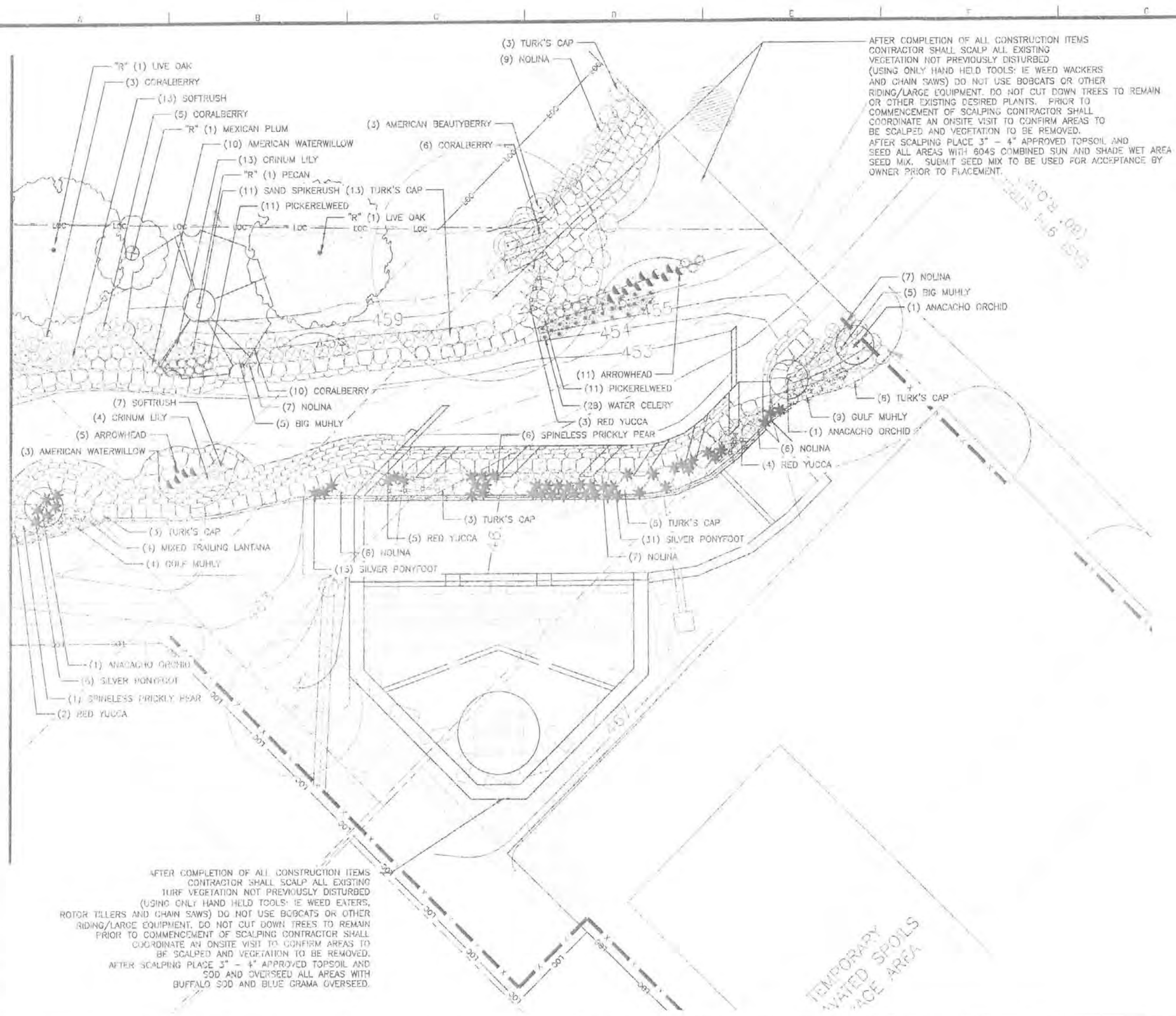
- PROPERTY LINE
- TEMPORARY EASEMENT
- LOC LIMITS OF CONSTRUCTION
- EXISTING TREES
- "R" REPLACEMENT TREES
- BUFFALO SOD W/ BLUE GRAMA OVERSEED
- 8045 NATIVE GRASSLAND SEEDING FOR EROSION CONTROL

- NOTES:**
- 1) CLEAR AND GRUB ALL GIANT CANE AND JAPANESE TORII PRIOR TO COMMENCEMENT OF WORK.
 - 2) THE SODS REVEGETATION AREAS REQUIRE NATIVE GRASSLAND AND WILDFLOWER SEEDING PER THE CITY OF AUSTIN REMOVAL OF GIANT CANE, INCLUDING FERTILIZER AND SEEDS FOR PREPARATION, TEMPORARY IRRIGATION, AND WEED MAINTENANCE.
 - 3) SEEDING THAT SOD AREAS SHALL BE COMBINED MIX OF SEEDING WITH AREAS THAT ARE MUHLY GRASS WITH SOME SUN AND FOR EROSION PREVENTION. SEEDING SHALL BE SUBMITTED WITH MIXTURE FOR THE CITY FOR APPROVAL. ALL TO BE PLANTED IN THE FALL AND SEED MIX SHALL BE PLANTED IN THE FALL. SEED MIX SHALL BE PLANTED IN THE FALL. SEED MIX SHALL BE PLANTED IN THE FALL.
 - 4) THE SEEDING SHALL COMPLY WITH CITY CODE CHAPTER 5.1.1. DIVISION 2. REGARDING THE CITY WATER CONSERVATION REGULATIONS.

watermark landscape inc.
 Landscape Architectural / Planning / Site Design
 2111 Dickson Drive, Suite 300
 Austin, Texas 78704
 TEL 512-442-9100

SPC-2011-0008D

8h



AFTER COMPLETION OF ALL CONSTRUCTION ITEMS CONTRACTOR SHALL SCALP ALL EXISTING VEGETATION NOT PREVIOUSLY DISTURBED (USING ONLY HAND HELD TOOLS: IE WEED WACKERS AND CHAIN SAWS) DO NOT USE BOBCATS OR OTHER RIDING/LARGE EQUIPMENT. DO NOT CUT DOWN TREES TO REMAIN OR OTHER EXISTING DESIRED PLANTS. PRIOR TO COMMENCEMENT OF SCALPING CONTRACTOR SHALL COORDINATE AN ONSITE VISIT TO CONFIRM AREAS TO BE SCALPED AND VEGETATION TO BE REMOVED. AFTER SCALPING PLACE 3" - 4" APPROVED TOPSOIL AND SEED ALL AREAS WITH 604S COMBINED SUN AND SHADE WET AREA SEED MIX. SUBMIT SEED MIX TO BE USED FOR ACCEPTANCE BY OWNER PRIOR TO PLACEMENT.

LEGEND	
	PROPERTY LINE
	TEMPORARY EASEMENT
	LDC LIMITS OF CONSTRUCTION
	EXISTING TREES
	REPLACEMENT TREES
	BUFFALO SOD W/ BLUE GRAMA OVERSEED
	604S NATIVE GRASSLAND SEEDING FOR EROSION CONTROL

- NOTES:
- 1) CLEAR AND GRUB ALL DISTURBED AND DAMAGED AREAS PRIOR TO COMMENCEMENT OF WORK.
 - 2) THE 604S SEEDING AREAS REQUIRE NATIVE GRASSLAND AND WILDFLOWER SEEDING PER CITY OF AUSTIN STANDARD SPEC 604S, INCLUDING SOIL AND SEED BED PREPARATION, TEMPORARY EROSION CONTROL AND WEED MANAGEMENT.
 - 3) SEEDING TYPE FOR AREAS IS A COMBINED MIX OF SEEDING SOD AREAS THAT ARE MOSTLY CHADY WITH SOME 1041 AND FOR VERNONIC INUNDATION. CONTRACTOR SHALL SUBMIT SEED MIX TO BE USED TO THE OWNER FOR ACCEPTANCE PRIOR TO PURCHASE OF SEED MIX. THE SEED MIX SHALL CONTAIN AT LEAST 12 DIFFERENT NATIVE GRASS AND WILDFLOWER SEED TYPES TOTALING A MINIMUM OF 4 LBS OF SEED APPLIED PER 1,000 SF OF AREA TO ENCOURAGE DIVERSITY.
 - 4) THE IRRIGATION WILL COMPLY WITH CITY CODE CHAPTER 6-1, ARTICLE 2, DIVISION 2 REGARDING THE CITY'S WATER CONSERVATION RESTRICTIONS.

AFTER COMPLETION OF ALL CONSTRUCTION ITEMS CONTRACTOR SHALL SCALP ALL EXISTING TURF VEGETATION NOT PREVIOUSLY DISTURBED (USING ONLY HAND HELD TOOLS: IE WEED EATERS, ROTOR TILLERS AND CHAIN SAWS) DO NOT USE BOBCATS OR OTHER RIDING/LARGE EQUIPMENT. DO NOT CUT DOWN TREES TO REMAIN PRIOR TO COMMENCEMENT OF SCALPING CONTRACTOR SHALL COORDINATE AN ONSITE VISIT TO CONFIRM AREAS TO BE SCALPED AND VEGETATION TO BE REMOVED. AFTER SCALPING PLACE 3" - 4" APPROVED TOPSOIL AND SOD AND OVERSEED ALL AREAS WITH BUFFALO SOD AND BLUE GRAMA OVERSEED.



Winterland Associates Inc.
Landscape Architecture/ Planning/ Site Design
2111 Dikson Drive, Suite 30
Austin, Texas 78704
TEL 512-442-0100

SPC-2011-0008D



City of Austin

Founded by Congress, Republic of Texas, 1839
Watershed Protection Department
P.O. Box 1088, Austin, Texas 78767

July 9, 2014

Gretchen Flatau
Waller Creek Conservancy
P.O. Box 12363
Austin, Texas 78711

Subject: Waller Creek District – Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan City Contribution

Dear Gretchen:

The City of Austin (City) will contribute an amount not to exceed \$765,445 toward the Waller Creek District – Tunnel Side Inlet Modifications and Waterloo Park Interim Design Phase Plan (TSIWPPP). Of the total not to exceed amount, \$591,310 will be paid for by Watershed Protection Department and \$174,135 will be paid for by Park and Recreational Department funding sources. In accordance with Section 10.01 (Project Disbursement Fund Account) of the Joint Development Agreement between the City of Austin (City), Waller Creek Local Government Corporation, and Waller Creek Conservancy (Conservancy), based upon the review of invoices submitted to the City for completed work, the City will deposit its contribution to the Project Disbursement Fund in the amount necessary to support timely payments for the City's respective portion. Deposits to the Project Disbursement Fund will be made upon approval of each invoice. The Project Disbursement Fund Account will be managed by the Conservancy and payments to Michael Van Valkenburgh Associates, Inc. and associated sub-consultants will be the sole responsibility of the Conservancy. Any request for change will require an amendment to the approved project and require approval of the Proposing Party and the Responding Party.

The funding provided by the City is via Drainage Utility Fee revenues transferred to the Watershed Protection Department capital budget and the voter-approved 2012 Bond Program – Proposition 14 in the Parks and Recreation Department capital budget. Drainage Utility Fee revenues are restricted to ensure they are used only for purposes directly related to the mission and operations of the Watershed Protection Department as the City's Municipal Drainage Utility System, in accordance with State law. Utilization of voter-approved bond program funds must be only for programs and projects included in the proposition language as well as for expenses allowed by accounting rules associated with long-term debt. As such, all invoices submitted for the TSIWPPP must only be for services that maintain the City's compliance with these restrictions. Invoices submitted by the Conservancy will be reviewed to ensure alignment with both restriction on uses of funds as well as the agreed upon scope of work for the TSIWPPP.

Sincerely,

Kimberly Springer, Deputy Budget Officer
Financial Services Department